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load calculation detect "denial of service" attack

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A Kulkarni, S Bush - Journal of Network and Systems Management, 2006 - Springer

... the previous section uses an entropy calculation technique for ... based approaches as measured against the load induced by ... Detecting Distributed Denial-of-Service ...

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[Snort-Lightweight Intrusion Detection for Networks - all 18 versions »](#)

M Roesch - Proceedings of the 1999 USENIX LiSA Systems Administration ..., 1999 - usenix.org

... file, allowing greater performance under load than full ... and make the return jump calculations easier for ... vendor's network-based intrusion detection tools, such ...

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[Denial-of-service attack-detection techniques - all 5 versions »](#)

G Carl, G Kesisidis, RR Brooks, S Rai - IEEE Internet Computing, 2006 - doi.ieeecomputersociety.org

... rather than rely on static traffic load predictions ... that attackers can defeat their detection methods by ... and then spoof the addresses based on this calculation. ...

Cited by 18 - Related Articles - Web Search - BL Direct

[\[book\] Service specific anomaly detection for network intrusion detection - all 12 versions »](#)

C Krügel, T Toth, E Kirda - 2002 - ACM Press New York, NY, USA

... Therefore we cannot process the pay-load of packets ... For our intended statistical calculations it is not ... prevents signature based systems from detecting such ...

Cited by 100 - Related Articles - Web Search

[Use of K-Nearest Neighbor classifier for intrusion detection - all 4 versions »](#)

Y Liao, VR Venkuri - Computers &amp; Security, 2002 - Elsevier

... classified normal behavior), requires light load of monitoring ... only causes minor additional calculation for normal ... impossible for the kNN algorithm to detect. ...

Cited by 63 - Related Articles - Web Search

[Using Client Puzzles to Protect TLS - all 15 versions »](#)

D Dean, A Stubblefield - usenix.org

... This should take, on average,  $2^n$  calculations of  $hx$  ... By detecting whether this value is above a specified limit, the server can determine ... global server load. ...

Cited by 119 - Related Articles - Web Search

[Application of anomaly detection algorithms for detecting SYN flooding attacks - all 9 versions »](#)

VA Siris, F Papagelou - Computer Communications, 2006 - Elsevier

... require measurements of the aggregate load, number of ... leading to complex and time-consuming calculations, experiments we ... A novel approach to detection of denial ...

Cited by 83 - Related Articles - Web Search

[Network based intrusion detection: A review of technologies - all 2 versions »](#)  
K Richards - Computers & Security, 1999 - Elsevier  
... packets per second (15%) network traffic load on a ... including these tests in the final weighted calculation. ... in general, and intrusion detection, specifically. ...  
Cited by 35 - Related Articles - Web Search

[Detecting Distributed Denial of Service Attacks by Sharing Distributed Beliefs - all 5 versions »](#)  
T Peng, C Leckie, K Ramamohanarao - Proc. Eighth Australasian Conf. Information Security and ..., 2003 - Springer  
... the victim or the victim itself to fail under the load. ... Thus, the simplified calculation is  $P_n(D) = |M|L$  ... applied to detect the attacks from the merged traffic ...  
Cited by 14 - Related Articles - Web Search

[Proactive server roaming for mitigating denial-of-service attacks - all 7 versions »](#)  
SM Khattab, C Sangpachatanarak, R Melhem, D Mosse, ... - Information Technology: Research and Education, 2003, ..., 2003 - ieeexplore.ieee.org  
... active at the same time to achieve load balancing ... the server changes its IP address after detecting it is ... backward hash chains, for the calculation of roaming ...  
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